

Water Quality Modeling
Technical Appendix
Integrated Storage Investigations
In-Delta Storage Planning Study

May 2002

Delta Modeling Section
Modeling Support Branch
Office of State Water Project Planning
Department of Water Resources

FOREWORD

The CALFED Record of Decision (ROD) has identified the In-Delta Storage Program as a potential project to be pursued for improvement in Delta water quality and enhancement of water supply flexibility. Stage 1 of the ROD requires that feasibility studies be conducted to select and recommend a project alternative by December 2001.

The Office of State Water Project Planning's Delta Modeling Section was tasked with conducting a water quality modeling evaluation of the proposed In-Delta Storage project. Modeling tasks were conducted by the Delta Modeling Section in coordination with the U.S. Bureau of Reclamation and the Department of Water Resources' Division of Planning and Local Assistance.

This technical appendix is a loose compilation of key reports and memorandums that summarize elements of the water quality modeling work that were completed in support of the In-Delta Storage Planning Study. Please refer to the following report for additional technical documentation on model development and validation conducted in support of the study: *Methodology for Flow and Salinity Estimates in the Sacramento-San Joaquin Delta and Suisun Marsh, Twenty-Second Annual Progress Report to the State Water Resources Control Board, August 2001.*

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